

REMARKS / DISCUSSION OF ISSUES

The present amendment is submitted in response to the Office Action mailed December 4, 2010. Claims 16-32 remain in this application. Claims 16 and 28 have been amended. In view of the remarks to follow, reconsideration and allowance of this application are respectfully requested.

Interview Summary

Applicants appreciate the courtesy granted to Applicant's attorney, Michael A. Scaturro (Reg. No. 51,356), during a telephonic interview conducted on Tuesday, February 2, 2010. During the telephonic interview, Applicant's attorney inquired to discuss a previously submitted agenda including arguments as to why the Applicants believe that Claim 16, as amended, is not anticipated by the cited reference. The Examiner acknowledged that the arguments enclosed in view of the claim language and the cited reference, Inoue, overcome the current ground of rejection. The Examiner further indicated that the independent claims required further search.

Allowable Subject Matter

Applicant wishes to thank the Examiner for indicating that Claims 18, 22-25 and 30-32 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Double Patenting

Claims 17-22, 24-27, and 29-30 stand provisionally rejected under the doctrine of non-statutory obviousness-type double patenting over claims 16-19 and 21-28 of co-pending U.S. Patent Application No. 10/562,276.

Applicant has mistakenly failed to address including the terminal disclaimer as an attachment to the last response. Accordingly, a terminal disclaimer is being submitted herewith to overcome this rejection. The current application along with U.S. Patent Application No. 10/562,276 have been previously commonly assigned to Koninklijke Philips Electronics N.V.

I. Claim Rejections under 35 USC 102

A. Rejection of Claims 16-17, 21, 26 and 28-29

In the Office Action, Claim 16-17, 21, 26 and 28-29 stand rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 7,071,635 (“Inoue”). Applicants respectfully traverse the rejections.

Claims 16-17, 21 and 26 are allowable

Independent Claim 1 has been amended herein to better define Applicant’s invention over Inoue. Claim 1 now recites limitations and/or features which are not disclosed by Inoue. Therefore, the cited portions of Inoue do not anticipate claim 1, because the cited portions of Inoue do not teach every element of claim 1. For example, the cited portions of Inoue do not disclose or suggest, “*compensation circuitry for modifying target pixel drive currents corresponding to desired pixel brightness levels, to take account of the voltage on the column power supply line at each pixel resulting from the currents drawn from the column power supply line by the plurality of pixels in the column being supplied by the column power supply line for each row addressing cycle in a field period and the dependency of pixel brightness characteristics on a voltage on a row conductor at the pixel and changes in the drain-source voltage of the drive transistor*”, as recited in claim 16 (Emphasis Added).

In contrast to claim 1, Inoue is silent with regard to the dependency of pixel brightness characteristics on changes in the drain-source voltage of the drive transistor. Support for the amendment can be found, for example, at par. 32, which recites:

[0023] Each pixel may comprise a drive transistor and a light emitting display element in series between the row conductor and a common line (for example ground). Taking account of the dependency of the pixel brightness characteristics on the voltage on the row conductor at the pixel then includes taking account of **any change in drain-source voltage** and the gate-source voltage of the drive transistor resulting from the row conductor voltage.

Claims 17, 21 and 26 depend from independent Claim 16, which Applicants have shown to be allowable. Accordingly, claims 17, 21 and 26 are also allowable, at least by virtue of their dependency from claim 16.

Independent Claim 28 recites similar subject matter as Independent Claim 16 and therefore contain the limitations of Claim 16. Hence, for at least the same reasons given for Claims 16, Claim 28 is believed to recite statutory subject matter under 35 USC 102(b).

Claim 29 depends from independent Claim 28, which Applicants have shown to be allowable. Accordingly, claim 29 is also allowable, at least by virtue of its dependency from claim 28.

II. Claim Rejections under 35 USC 103

A. Rejection of Claims 19-20

The Office has rejected claims 19-20 under 35 U.S.C. §103(a) as being unpatentable over Inoue in view of U.S. Patent No. 6,091,203 (“Kawashima”). Applicants respectfully traverses the rejections.

Claims 19-20 are allowable

As explained above, the cited portions of Inoue do not disclose or suggest each and every element of claim 16 from which claims 19-20 depend. Kawashima does not disclose each of the elements of claim 16 that are not disclosed by Inoue. For example, the cited portions of Kawashima fail to disclose or suggest, “*compensation circuitry for modifying target pixel drive currents corresponding to desired pixel brightness levels, to take account of the voltage on the column power supply line at each pixel resulting from the currents drawn from the column power supply line by the plurality of pixels in the column being supplied by the column power supply line for each row addressing cycle in a field period and the dependency of pixel brightness characteristics on a voltage on a row conductor at the pixel and changes in the drain-source voltage of the drive transistor*”, as recited in claim 16. Hence claim 16 is allowable and claims 19-20 are allowable, at least by virtue of their respective dependence from claim 16.

B. Rejection of Claim 27

The Office has rejected claim 27 under 35 U.S.C. §103(a) as being unpatentable over Inoue in view of U.S. Patent No. 7,164,417 (“Cok”). Applicants respectfully traverse the rejection.

Claim 27 is allowable

As explained above, the cited portions of Inoue do not disclose or suggest each and every element of claim 16 from which claim 27 depends. Cok does not disclose each of the elements of claim 16 that are not disclosed by Inoue. For example, the cited portions of Cok fail to disclose or suggest, *“compensation circuitry for modifying target pixel drive currents corresponding to desired pixel brightness levels, to take account of the voltage on the column power supply line at each pixel resulting from the currents drawn from the column power supply line by the plurality of pixels in the column being supplied by the column power supply line for each row addressing cycle in a field period and the dependency of pixel brightness characteristics on a voltage on a row conductor at the pixel and changes in the drain-source voltage of the drive transistor”*, as recited in claim 16.

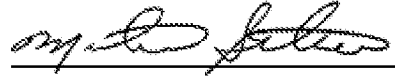
Thus, the cited portions of Inoue and Cok, individually or in combination, do not disclose or suggest, *“compensation circuitry for modifying target pixel drive currents corresponding to desired pixel brightness levels, to take account of the voltage on the column power supply line at each pixel resulting from the currents drawn from the column power supply line by the plurality of pixels in the column being supplied by the column power supply line for each row addressing cycle in a field period and the dependency of pixel brightness characteristics on a voltage on a row conductor at the pixel and changes in the drain-source voltage of the drive transistor”*, as recited in claim 16. Hence claim 16 is allowable and claim 27 is allowable, at least by virtue of its respective dependence from claim 16.

Conclusion

In view of the foregoing amendments and remarks, it is respectfully submitted that all claims presently pending in the application, namely, Claims 16-32 are believed to be in condition for allowance and patentably distinguishable over the art of record.

If the Examiner should have any questions concerning this communication or feels that an interview would be helpful, the Examiner is requested to call Mike Belk, Esq., Intellectual Property Counsel, Philips Electronics North America, at 914-945-6000.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Michael A. Scaturro", is written over a horizontal line.

Michael A. Scaturro
Reg. No. 51,356
Attorney for Applicants

Mailing Address:
Intellectual Property Counsel
Philips Electronics North America Corp.
P.O. Box 3001
345 Scarborough Road
Briarcliff Manor, New York 10510-8001